IAP6 Rec'd PCT/PTO 16 MAY 2006

000FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CUSTOMER NO. 22,852 ATTORNEY'S DOCKET NUMBER 07680.0034-00000

U.S. APPLICATION NO.

	CO	NCERN.	ING A FILI	NG UNDER 35 U.S.C. 3/1	(If known, see 37CFR L=5) Not You Assumed 5 9 5 0 8			
INTERNATIONAL APPLICATION NO. PCT/US2004/038059				INTERNATIONAL FILING DATE 15 November 2004	PRIORITY DATE CLAIMED 17 November 2003			
TITLI	E OF INV	VENTION SKELE		E-DERIVED CELLS AND METHODS	RELATED THERETO			
APPL	ICANT(S) FOR D	O/EO/US					
				Peter C. Yaeger Jeffrey D. Stewart Bruce M. Wentworth				
Applic	ant(s) her	ewith subm	its to the United	States Designated/Elected Office (DO/EO/US)	the following items and other information:			
1.	\boxtimes	This is a	This is a FIRST submission of items concerning a filing under 35 U.S.C 371.					
2.			This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.					
3.		This is a	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4.		The US	The US has been elected by the expiration of 19 months from the priority date (Article 31).					
5.	\boxtimes	А сору	of the Internation	al Application as filed (35 U.S.C. 371 (c)(2)):				
		a.	☐ is att	ached hereto (required only if not communicate	ed by the International Bureau.			
		b.	☐ has b	een communicated by the International Bureau				
		c.	is no	t required, as the application was filed with the	United States Receiving Office (RO/US).			
6.		An Eng	lish language trar	slation of the International Application as filed	l (35 U.S.C. 371 (c)(2)).			
		a.	☐ is att	ached hereto.				
		b.	☐ has b	een previously submitted under 35 U.S.C. 154	(d)(4).			
7.	Ø	Amendi	ments to the clain	ns of the International Application under PCT A	Article 19 (35 U.S.C. 371 (c)(3)).			
		a.	☐ are a	ttached hereto (required only if not communica	ted by the International Bureau).			
		b.	☐ have	been communicated by the International Burea	u.			
		c.	☐ have	not been made; however, the time limit for mal	king such amendments has NOT expired.			
		d.		not been made and will not be made.				
8.		An Eng	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).					
9.	\boxtimes	An oath	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).					
10.			An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).					
Items	11 to 20 b	elow conce	ern document(s)	or information included:				
11.	\boxtimes	Informa	tion Disclosure S	tatement under 37 CFR 1.97 and 1.98				
12.		-	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13.	\boxtimes		T preliminary am					
14.		A SECO	A SECOND or SUBSEQUENT preliminary amendment.					
15.		A Subst	A Substitute specification.					
16.		A chang	A change of power of attorney and/or address letter.					
17.		A comp	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.					
18.		A secon	A second copy of the published international applicationunder 35 U.S.C. 154 (d)(4).					
19.		A secon	A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).					
20.	\boxtimes	Other it	ems or information	on:				
		a.	• •	of cover page of International Publication No.	WO 2005/049810 A1			
		b.		PCT/IB/318, Notification Relating to Priority	Claim mailed March 3, 2005			
		c.		PCT/IB/308, First Notice mailed June 23, 200	5 from the International Bureau			
		d.		PCT/IB/308, Second and Supplementary Notice national Bureau	ce mailed March 23, 2006 from the			

JAP20 Rec'd PCTIPTO 16 MAY 2006

U.S. APPLICATION NO. (If known, see 37CFR 1.5) Not Yet Asignes 79508 PCT/US2004/038059 ATTORNEY'S DOCKET NUMBER 07680.0034-00000										
21. Applicant Use Office Use Only										
BASIC NATIONA	\$300.00	\$300.00								
National Stage Sear	ch Fee		•••••		\$500.00	\$500.00				
•		\$200.00								
National Stage Examination Fee\$200.00										
·	EE AMOUNT =	\$1,000.00								
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.										
Total Sheets			Number of additional 50 or fraction thereof (rounded up to a whole number		Rate					
76- 100 =		0/50=	0		x 250.00	0.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).										
CLAIMS	NUM	IBER FILED	NUMBER EXTRA	RA	TE					
Total Claims	24	- 20 =	4	x \$50	0.00	\$200.00				
Independent Claims	5	-3 =	2	x \$20	0.00	\$400.00				
MULTIPLE DEPEND	ENT CLA	AIM(S) (if applicable	le)	+\$36	0.00	\$				
			TOTAL OF TH	E ABOVE CAL	CULATIONS =	\$1,600.00				
☐ Applicant claims	☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.									
SUBTOTAL = \$1,600.00										
Processing fee of \$130.00 for furnishing the English translation later than										
TOTAL NATIONAL FEE =										
TOTAL NATIONAL FEE = \$1,600.00 Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. +										
				TOTAL FEES	ENCLOSED =	\$1,600.00				
	<u> </u>		·	-		Amount to be refunded:	\$			
				-		charged:				
a. Please charge my Deposit Account No. 06-0916 in the amount of \$1,600.00 to cover the above fees. A duplicate copy of this sheet is enclosed.										
b. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0916.</u> A duplicate copy of this sheet is enclosed.										
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.										
SEND ALL CORRESPONDENCE TO:										
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, NW Konstantin M. Linnik Dated: May 16, 2006										
Washington, D.C. 20001-4413 Konstantin M. Linnik Reg. No. 56,309 Dated: May 16, 2006						b				
CERTIFICATE UNDER 37 CFR § 1.10 OF MAILING BY "EXPRESS MAIL"										

I hereby certify that this correspondence is being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on May/L₀2006 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERTIFICATE UNDER 37 CFR § 1.10 OF MAILING BY "EXPRESS MAIL"

EV 684956222 US	May 16, 2006
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Kathy Meuse